

David R Murdoch

List of Publications by Year in descending order

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95
papers

7,137
citations

159358

30
h-index

62479

80
g-index

175
all docs

175
docs citations

175
times ranked

10476
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Clinical Presentation, Etiology, and Outcome of Infective Endocarditis in the 21st Century. Archives of Internal Medicine, 2009, 169, 463. | 4.3 | 1,804 |
| 2 | Vitamin D supplementation to prevent acute respiratory tract infections: systematic review and meta-analysis of individual participant data. BMJ: British Medical Journal, 2017, 356, i6583. | 2.4 | 1,408 |
| 3 | Causes of severe pneumonia requiring hospital admission in children without HIV infection from Africa and Asia: the PERCH multi-country case-control study. Lancet, The, 2019, 394, 757-779. | 6.3 | 569 |
| 4 | Vitamin D supplementation to prevent acute respiratory infections: a systematic review and meta-analysis of aggregate data from randomised controlled trials. Lancet Diabetes and Endocrinology, the, 2021, 9, 276-292. | 5.5 | 292 |
| 5 | Changes in the incidence of invasive disease due to Streptococcus pneumoniae, Haemophilus influenzae, and Neisseria meningitidis during the COVID-19 pandemic in 26 countries and territories in the Invasive Respiratory Infection Surveillance Initiative: a prospective analysis of surveillance data. The Lancet Digital Health, 2021, 3, e360-e370. | 5.9 | 260 |
| 6 | Vitamin D supplementation to prevent acute respiratory infections: individual participant data meta-analysis. Health Technology Assessment, 2019, 23, 1-44. | 1.3 | 230 |
| 7 | Effect of Vitamin D ³ Supplementation on Upper Respiratory Tract Infections in Healthy Adults. JAMA - Journal of the American Medical Association, 2012, 308, 1333. | 3.8 | 196 |
| 8 | Etiology of Severe Febrile Illness in Low- and Middle-Income Countries: A Systematic Review. PLoS ONE, 2015, 10, e0127962. | 1.1 | 133 |
| 9 | Genomic epidemiology reveals transmission patterns and dynamics of SARS-CoV-2 in Aotearoa New Zealand. Nature Communications, 2020, 11, 6351. | 5.8 | 100 |
| 10 | The use of next generation sequencing in the diagnosis and typing of respiratory infections. Journal of Clinical Virology, 2015, 69, 96-100. | 1.6 | 99 |
| 11 | Density of Upper Respiratory Colonization With Streptococcus pneumoniae and Its Role in the Diagnosis of Pneumococcal Pneumonia Among Children Aged ≤ 5 Years in the PERCH Study. Clinical Infectious Diseases, 2017, 64, S317-S327. | 2.9 | 96 |
| 12 | Laboratory Methods for Determining Pneumonia Etiology in Children. Clinical Infectious Diseases, 2012, 54, S146-S152. | 2.9 | 92 |
| 13 | The etiology of febrile illness in adults presenting to Patan hospital in Kathmandu, Nepal. American Journal of Tropical Medicine and Hygiene, 2004, 70, 670-5. | 0.6 | 88 |
| 14 | Association of C-Reactive Protein With Bacterial and Respiratory Syncytial Virus-Associated Pneumonia Among Children Aged ≤ 5 Years in the PERCH Study. Clinical Infectious Diseases, 2017, 64, S378-S386. | 2.9 | 84 |
| 15 | Is Higher Viral Load in the Upper Respiratory Tract Associated With Severe Pneumonia? Findings From the PERCH Study. Clinical Infectious Diseases, 2017, 64, S337-S346. | 2.9 | 81 |
| 16 | The Effect of Antibiotic Exposure and Specimen Volume on the Detection of Bacterial Pathogens in Children With Pneumonia. Clinical Infectious Diseases, 2017, 64, S368-S377. | 2.9 | 70 |
| 17 | Impact of Routine Systematic Polymerase Chain Reaction Testing on Case Finding for Legionnairesâ€™ Disease: A Pre-Post Comparison Study. Clinical Infectious Diseases, 2013, 57, 1275-1281. | 2.9 | 69 |
| 18 | Breathing New Life into Pneumonia Diagnostics. Journal of Clinical Microbiology, 2009, 47, 3405-3408. | 1.8 | 67 |

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|----|--|-----|-----------|
| 19 | Association of respiratory virus activity and environmental factors with the incidence of invasive pneumococcal disease. <i>Journal of Infection</i> , 2009, 58, 37-46. | 1.7 | 59 |
| 20 | Emerging Infectious Diseases in an Island Ecosystem: The New Zealand Perspective. <i>Emerging Infectious Diseases</i> , 2001, 7, 767-772. | 2.0 | 55 |
| 21 | Colonization Density of the Upper Respiratory Tract as a Predictor of Pneumonia—Haemophilus influenzae, Moraxella catarrhalis, Staphylococcus aureus, and Pneumocystis jirovecii. <i>Clinical Infectious Diseases</i> , 2017, 64, S328-S336. | 2.9 | 49 |
| 22 | The Enduring Challenge of Determining Pneumonia Etiology in Children: Considerations for Future Research Priorities. <i>Clinical Infectious Diseases</i> , 2017, 64, S188-S196. | 2.9 | 48 |
| 23 | Long-Term High-Dose Vitamin D ³ Supplementation and Blood Pressure in Healthy Adults. <i>Hypertension</i> , 2014, 64, 725-730. | 1.3 | 46 |
| 24 | Association between pneumococcal load and disease severity in adults with pneumonia. <i>Journal of Medical Microbiology</i> , 2012, 61, 1129-1135. | 0.7 | 44 |
| 25 | Community Prevalence of Fever and Relationship with Malaria Among Infants and Children in Low-Resource Areas. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 178-180. | 0.6 | 41 |
| 26 | Detection of Pneumococcal DNA in Blood by Polymerase Chain Reaction for Diagnosing Pneumococcal Pneumonia in Young Children From Low- and Middle-Income Countries. <i>Clinical Infectious Diseases</i> , 2017, 64, S347-S356. | 2.9 | 37 |
| 27 | Bayesian Estimation of Pneumonia Etiology: Epidemiologic Considerations and Applications to the Pneumonia Etiology Research for Child Health Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S213-S227. | 2.9 | 37 |
| 28 | Prospective Cohort Study of Infective Endocarditis in People Who Inject Drugs. <i>Journal of the American College of Cardiology</i> , 2021, 77, 544-555. | 1.2 | 36 |
| 29 | The burden of Legionnaires' disease in New Zealand (LegiNZ): a national surveillance study. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 770-777. | 4.6 | 35 |
| 30 | Multi-Serotype Pneumococcal Nasopharyngeal Carriage Prevalence in Vaccine Naïve Nepalese Children, Assessed Using Molecular Serotyping. <i>PLoS ONE</i> , 2015, 10, e0114286. | 1.1 | 33 |
| 31 | Microscopic Analysis and Quality Assessment of Induced Sputum From Children With Pneumonia in the PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S271-S279. | 2.9 | 32 |
| 32 | Legionnaires' disease caused by <i>Legionella longbeachae</i> : Clinical features and outcomes of 107 cases from an endemic area. <i>Respirology</i> , 2016, 21, 1292-1299. | 1.3 | 31 |
| 33 | Legionellosis Caused by Non- <i>Legionella pneumophila</i> Species, with a Focus on <i>Legionella longbeachae</i> . <i>Microorganisms</i> , 2021, 9, 291. | 1.6 | 31 |
| 34 | Evaluation of Pneumococcal Load in Blood by Polymerase Chain Reaction for the Diagnosis of Pneumococcal Pneumonia in Young Children in the PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S357-S367. | 2.9 | 30 |
| 35 | The Diagnostic Utility of Induced Sputum Microscopy and Culture in Childhood Pneumonia. <i>Clinical Infectious Diseases</i> , 2017, 64, S280-S288. | 2.9 | 29 |
| 36 | Addressing the Analytic Challenges of Cross-Sectional Pediatric Pneumonia Etiology Data. <i>Clinical Infectious Diseases</i> , 2017, 64, S197-S204. | 2.9 | 28 |

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|----|---|-----|-----------|
| 37 | Impact of viral upper respiratory tract infection on the concentration of nasopharyngeal pneumococcal carriage among Kenyan children. <i>Scientific Reports</i> , 2018, 8, 11030. | 1.6 | 28 |
| 38 | Use of Genomics to Track Coronavirus Disease Outbreaks, New Zealand. <i>Emerging Infectious Diseases</i> , 2021, 27, 1317-1322. | 2.0 | 28 |
| 39 | Standardization of Clinical Assessment and Sample Collection Across All PERCH Study Sites. <i>Clinical Infectious Diseases</i> , 2017, 64, S228-S237. | 2.9 | 27 |
| 40 | The Predictive Performance of a Pneumonia Severity Score in Human Immunodeficiency Virus-negative Children Presenting to Hospital in 7 Low- and Middle-income Countries. <i>Clinical Infectious Diseases</i> , 2020, 70, 1050-1057. | 2.9 | 26 |
| 41 | Emerging Advances in Rapid Diagnostics of Respiratory Infections. <i>Infectious Disease Clinics of North America</i> , 2010, 24, 791-807. | 1.9 | 25 |
| 42 | Should Controls With Respiratory Symptoms Be Excluded From Case-Control Studies of Pneumonia Etiology? Reflections From the PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S205-S212. | 2.9 | 25 |
| 43 | Atypical pneumonia—time to breathe new life into a useful term?. <i>Lancet Infectious Diseases</i> , The, 2009, 9, 512-519. | 4.6 | 23 |
| 44 | How recent advances in molecular tests could impact the diagnosis of pneumonia. <i>Expert Review of Molecular Diagnostics</i> , 2016, 16, 533-540. | 1.5 | 23 |
| 45 | Comparison of two-dose priming plus 9-month booster with a standard three-dose priming schedule for a ten-valent pneumococcal conjugate vaccine in Nepalese infants: a randomised, controlled, open-label, non-inferiority trial. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 405-414. | 4.6 | 22 |
| 46 | The Incremental Value of Repeated Induced Sputum and Gastric Aspirate Samples for the Diagnosis of Pulmonary Tuberculosis in Young Children With Acute Community-Acquired Pneumonia. <i>Clinical Infectious Diseases</i> , 2017, 64, S309-S316. | 2.9 | 21 |
| 47 | <i>Streptococcus pneumoniae</i> Carriage Prevalence in Nepal: Evaluation of a Method for Delayed Transport of Samples from Remote Regions and Implications for Vaccine Implementation. <i>PLoS ONE</i> , 2014, 9, e98739. | 1.1 | 21 |
| 48 | Introduction to the Epidemiologic Considerations, Analytic Methods, and Foundational Results From the Pneumonia Etiology Research for Child Health Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S179-S184. | 2.9 | 19 |
| 49 | Effect of adjunctive single high-dose vitamin D3 on outcome of community-acquired pneumonia in hospitalised adults: The VIDCAPS randomised controlled trial. <i>Scientific Reports</i> , 2018, 8, 13829. | 1.6 | 17 |
| 50 | Safety of Induced Sputum Collection in Children Hospitalized With Severe or Very Severe Pneumonia. <i>Clinical Infectious Diseases</i> , 2017, 64, S301-S308. | 2.9 | 17 |
| 51 | Circulating levels of hydrogen sulfide and substance P in patients with sepsis. <i>Journal of Infection</i> , 2017, 75, 293-300. | 1.7 | 16 |
| 52 | Interactions of staphyloxanthin and enterobactin with myeloperoxidase and reactive chlorine species. <i>Archives of Biochemistry and Biophysics</i> , 2018, 646, 80-89. | 1.4 | 15 |
| 53 | A prospective study of bloodstream infections among febrile adolescents and adults attending Yangon General Hospital, Yangon, Myanmar. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008268. | 1.3 | 15 |
| 54 | COVID-19 vaccine strategies for Aotearoa New Zealand: a mathematical modelling study. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 15, 100256. | 1.3 | 15 |

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|----|--|-----|-----------|
| 55 | How best to determine causative pathogens of pneumonia. <i>Pneumonia (Nathan Qld)</i> , 2016, 8, 1. | 2.5 | 14 |
| 56 | The Etiology of Pneumonia From Analysis of Lung Aspirate and Pleural Fluid Samples: Findings From the Pneumonia Etiology Research for Child Health (PERCH) Study. <i>Clinical Infectious Diseases</i> , 2021, 73, e3788-e3796. | 2.9 | 14 |
| 57 | Data Management and Data Quality in PERCH, a Large International Case-Control Study of Severe Childhood Pneumonia. <i>Clinical Infectious Diseases</i> , 2017, 64, S238-S244. | 2.9 | 13 |
| 58 | Digital auscultation in PERCH: Associations with chest radiography and pneumonia mortality in children. <i>Pediatric Pulmonology</i> , 2020, 55, 3197-3208. | 1.0 | 13 |
| 59 | The Etiology of Childhood Pneumonia in Mali. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S18-S28. | 1.1 | 13 |
| 60 | Bloodstream infections at a tertiary referral hospital in Yangon, Myanmar. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2014, 108, 692-698. | 0.7 | 12 |
| 61 | The Etiology of Childhood Pneumonia in The Gambia. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S7-S17. | 1.1 | 12 |
| 62 | The Etiology of Pneumonia in HIV-infected Zambian Children. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S50-S58. | 1.1 | 12 |
| 63 | Incidence of Typhoid and Paratyphoid Fevers Among Adolescents and Adults in Yangon, Myanmar. <i>Clinical Infectious Diseases</i> , 2019, 68, S124-S129. | 2.9 | 11 |
| 64 | One Health Aotearoa: a transdisciplinary initiative to improve human, animal and environmental health in New Zealand. <i>One Health Outlook</i> , 2020, 2, 4. | 1.4 | 11 |
| 65 | The Etiology of Pneumonia in Zambian Children. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S40-S49. | 1.1 | 10 |
| 66 | The Etiology of Pneumonia in HIV-uninfected South African Children. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S59-S68. | 1.1 | 10 |
| 67 | Making standards for quantitative real-time pneumococcal PCR. <i>Biomolecular Detection and Quantification</i> , 2014, 2, 1-3. | 7.0 | 9 |
| 68 | Molecular mechanisms of antimicrobial resistance and phylogenetic relationships of <i>Salmonella enterica</i> isolates from febrile patients in Yangon, Myanmar. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2019, 113, 641-648. | 0.7 | 9 |
| 69 | Epidemiology of the Rhinovirus (RV) in African and Southeast Asian Children: A Case-Control Pneumonia Etiology Study. <i>Viruses</i> , 2021, 13, 1249. | 1.5 | 9 |
| 70 | The Etiology of Pneumonia in HIV-uninfected Children in Kilifi, Kenya. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S29-S39. | 1.1 | 9 |
| 71 | Comparison of two schedules of two-dose priming with the ten-valent pneumococcal conjugate vaccine in Nepalese children: an open-label, randomised non-inferiority controlled trial. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 156-164. | 4.6 | 8 |
| 72 | The Etiology of Childhood Pneumonia in Bangladesh. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S79-S90. | 1.1 | 8 |

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|----|---|-----|-----------|
| 73 | Etiology and Clinical Characteristics of Severe Pneumonia Among Young Children in Thailand. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S91-S100. | 1.1 | 8 |
| 74 | Revisiting the Cause of Focal Neurological Deficits and Profound Dyspnea at High Altitude—The Potential Role of Patent Foramen Ovale. <i>High Altitude Medicine and Biology</i> , 2015, 16, 350-351. | 0.5 | 7 |
| 75 | Proposed new industry code on unhealthy food marketing to children and young people: will it make a difference?. <i>New Zealand Medical Journal</i> , 2017, 130, 94-101. | 0.5 | 7 |
| 76 | Complete Genome Sequence of <i>Legionella saintelensis</i> Isolated from a Patient with Legionnaires' Disease. <i>Genome Announcements</i> , 2018, 6, . | 0.8 | 6 |
| 77 | The Etiology of Pneumonia in HIV-1-infected South African Children in the Era of Antiretroviral Treatment. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S69-S78. | 1.1 | 6 |
| 78 | Effect of genetic factors on the response to vitamin D3 supplementation in the VIDARIS randomized controlled trial. <i>Nutrition</i> , 2020, 75-76, 110761. | 1.1 | 5 |
| 79 | Upper Respiratory Tract Co-detection of Human Endemic Coronaviruses and High-density Pneumococcus Associated With Increased Severity Among HIV-Uninfected Children Under 5 Years Old in the PERCH Study. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, 503-512. | 1.1 | 5 |
| 80 | Effect of monthly vitamin D3 supplementation in healthy adults on adverse effects of earthquakes: randomised controlled trial. <i>BMJ</i> , The, 2014, 349, g7260-g7260. | 3.0 | 4 |
| 81 | Complete Genome Sequence of a <i>Legionella longbeachae</i> Serogroup 1 Strain Isolated from a Patient with Legionnaires' Disease. <i>Genome Announcements</i> , 2017, 5, . | 0.8 | 4 |
| 82 | Enhancement of Culture of <i>Legionella longbeachae</i> from Respiratory Samples by Use of Immunomagnetic Separation and Antimicrobial Decontamination. <i>Journal of Clinical Microbiology</i> , 2020, 58, . | 1.8 | 4 |
| 83 | Introduction to the Site-specific Etiologic Results From the Pneumonia Etiology Research for Child Health (PERCH) Study. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S1-S6. | 1.1 | 4 |
| 84 | Assessment of an Antibody-in-Lymphocyte Supernatant Assay for the Etiological Diagnosis of Pneumococcal Pneumonia in Children. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 459. | 1.8 | 3 |
| 85 | Impact of Vaccination on <i>Haemophilus influenzae</i> Type b Carriage in Healthy Children Less Than 5 Years of Age in an Urban Population in Nepal. <i>Journal of Infectious Diseases</i> , 2021, 224, S267-S274. | 1.9 | 3 |
| 86 | Global health classroom: mixed methods evaluation of an interinstitutional model for reciprocal global health learning among Samoan and New Zealand medical students. <i>Globalization and Health</i> , 2021, 17, 99. | 2.4 | 3 |
| 87 | Digitally recorded and remotely classified lung auscultation compared with conventional stethoscope classifications among children aged 1–59 months enrolled in the Pneumonia Etiology Research for Child Health (PERCH) case-control study. <i>BMJ Open Respiratory Research</i> , 2022, 9, e001144. | 1.2 | 3 |
| 88 | O14 Has the 7-valent pneumococcal conjugate vaccine (PCV7) reduced hospital visits and admissions for pneumonia in young children in Calgary?. <i>International Journal of Antimicrobial Agents</i> , 2009, 34, S5-S6. | 1.1 | 2 |
| 89 | A One Health future to meet the AMR challenge?. <i>New Zealand Veterinary Journal</i> , 2017, 65, 60-61. | 0.4 | 2 |
| 90 | Reply to Drancourt. <i>Clinical Infectious Diseases</i> , 2017, 65, 2159-2159. | 2.9 | 2 |

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|----|--|-----|-----------|
| 91 | Staphylococcus Aureus Carriage in a New Zealand Primary School. Pediatric Infectious Disease Journal, 2018, 37, e172-e175. | 1.1 | 1 |
| 92 | Complete Genome Sequence of a Legionella longbeachae Serogroup 2 Isolate Derived from a Patient with Legionnairesâ€™ Disease. Microbiology Resource Announcements, 2020, 9, . | 0.3 | 1 |
| 93 | Persistence of Immunity Following 2-Dose Priming with a 10-Valent Pneumococcal Conjugate Vaccine at 6 and 10 Weeks or 6 and 14 Weeks of Age in Nepalese Toddlers. Pediatric Infectious Disease Journal, 2021, 40, 937-943. | 1.1 | 0 |
| 94 | Whole-genome sequencing and ad hoc shared genome analysis of Staphylococcus aureus isolates from a New Zealand primary school. Scientific Reports, 2021, 11, 20328. | 1.6 | 0 |
| 95 | Extensive epigenetic modification with large-scale chromosomal and plasmid recombination characterise the Legionella longbeachae serogroup 1 genome. Scientific Reports, 2022, 12, 5810. | 1.6 | 0 |